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Abstract

In a projection device comprising a reflective light modulator (1) for generating an image, a light source unit (3) for illuminating the light modulator 1, and comprising projection optics (6) which include first and second partial optics (7, 8), said projection optics having an optical axis (OA), each optical boundary surface (W1-W6) of each lens (15; 17-19) of the first partial optics is curved and/or arranged such that, in a reference plane in which the optical axis (OA) of the projection optics (6) is located and which is divided by the optical axis (OA) into upper and lower half-planes (H1, H2), each reflection ray bundle (R1, R2; R3-R8) exiting the first partial optics (7) proceeds completely either into the first or into the second half-plane (H1, H2), in order to prevent the reflection ray bundles (R1, R2; R3-R8) from being projected onto the projection surface (11).

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(Fig.1)

